

CLAIMS

We claim:

1. A self-locking screw connection comprising a cylindrical thread section (130) and a nut (300) that can be snapped onto the cylindrical thread section (130), the nut (300) has a thread that is divided into several thread segments (322), and the cylindrical thread section (130) has a plurality of threadless chambers (134) that are spaced from one another along the circumference of the cylindrical thread section (130), wherein said threadless chambers allow immersion of one of said thread segments into one of said threadless chambers for providing a self-locking effect.
2. The electrical connector according to Claim 1, wherein a leading end of each thread segment (322) of the self-locking nut (300) has an inclined starting surface (324) and a trailing end of each thread segment (322) has a stopping edge (326).
3. The electrical connector according to Claim 1, wherein the thread segments (322) of the self-locking nut (300) are offset radially inwardly relative to the nominal thread size.
4. The electrical connector according to Claim 1, wherein the self-locking nut (300) has a thread size that is smaller than that of the threaded section (130) of the housing.
5. The electrical connector according to Claim 1, wherein said outer thread section (130) forms part of a housing of an electrical connector.

6. The electrical connector according to Claim 1, wherein said several thread segments (322) are integrally formed onto a support ring (310) in a resilient manner.